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08/19/2008

CURRENT CLAIMS AND THEIR STATUS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A fan for an alternator-starter, fixed on a rotor~~(4)~~, with magnetic poles, of the alternator-starter, the fan comprising:

 [[-]] a metallic insert ~~(13)~~ adapted to be fixed on the rotor, and

 [[-]] a radial web ~~(17)~~ and at least one fan blade~~(12)~~, which are ~~moulded in plastics~~ plastic material molded on the metallic insert, and

 a magnetic target ~~(14)~~ which is fixed directly onto one of said metallic insert~~(13)~~, said radial web ~~(17)~~ and said fan blade ~~(12)~~ to rotate therewith, whereby said magnetic target~~(14)~~, in association with at least one sensor, ensures magnetic following of the rotation of the rotor.

2. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is ~~moulded~~ molded in situ on the metallic insert~~(13)~~.

3. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is adhesively bonded on the metallic insert~~(13)~~.

4. (Currently amended) A fan according to claim 1, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is mounted on a tubular portion ~~(20)~~ of the metallic insert~~(13)~~.

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5. (Currently amended) A fan according to Claim 4, ~~characterised in that~~ wherein the magnetic target (14) is mounted on an internal wall (24) of the tubular portion (20).

6. (Currently amended) A fan according to Claim 4, ~~characterised in that~~ wherein the magnetic target (14) is mounted on the external wall (25) of the tubular portion (20).

7. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the magnetic target comprises a magnetic material combined with the ~~plastics~~ plastic material of the web and/or fan blades.

8. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the magnetic material of the target comprises ferrites or rare earths.

9. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the magnetic material of the target is a magnetic plastic material.

10. (Currently amended) A fan for an alternator-starter, fixed on a rotor (4), with magnetic poles, of the alternator-starter, the fan comprising:

[[-]] a metallic insert (13) adapted to be fixed on the rotor, and

[[-]] a radial web (17) and at least one fan blade (12), which are moulded in ~~plastics~~ plastic material molded on the metallic insert,

a magnetic target (14) which, in association with at least one sensor, ensures magnetic following of the rotation of the rotor, and

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a crown element ~~(19)~~ of ~~plastics~~ plastic material constituting a shroud ring, with at least some of the blades of the fan extending from the web to the crown element, said crown element ~~(19)~~ formed to direct an air stream radially toward the center of the radial web.

11. (Currently amended) A fan according to Claim 10, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is mounted on the crown element ~~cover~~ ~~(19)~~.

12. (Currently amended) A fan according to Claim 10, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is mounted against the inner circumference of the crown element ~~cover~~ ~~(19)~~.

13. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein it constitutes a powder pot for the connecting wires of the rotor.

14. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the blades are of complex form.

15. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein the fan blades are spaced apart over at least two stages.

16. (Cancelled)

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17. (Currently amended) A fan according to Claim 1, ~~characterised in that~~ wherein one group of blades is of ~~plastics~~ plastic material ~~moulded~~ molded in situ on the metallic insert, and ~~in that wherein~~ the remainder of the blades are of metal projecting integrally from the metallic insert.

18. (Currently amended) A fan according to claim 2, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is mounted on a tubular portion ~~(20)~~ of the metallic insert ~~(13)~~.

19. (Currently amended) A fan according to claim 3, ~~characterised in that~~ wherein the magnetic target ~~(14)~~ is mounted on a tubular portion ~~(20)~~ of the metallic insert ~~(13)~~.

20. (Currently amended) A fan according to claim 1, wherein said magnetic target ~~(14)~~ faces away from said radial web ~~(17)~~.